

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 101813,646
Source: IFWD
Date Processed by STIC: 09-28-2005

ENTERED



IFWO

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/813,646

DATE: 09/28/2005

TIME: 07:50:58

Input Set : N:\Crf3\RULE60\10813646.raw.txt
 Output Set: N:\CRF4\09282005\J813646.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: Chuntharapai, Anon
 6 Kim, Kyung Jin
 7 Love, Richard B.
 8 Lu, Ji
 9 Stewart, Timothy A.

11 (ii) TITLE OF INVENTION: Type I Interferon Receptor Antibodies

13 (iii) NUMBER OF SEQUENCES: 22

15 (iv) CORRESPONDENCE ADDRESS:

16 (A) ADDRESSEE: Genentech, Inc.
 17 (B) STREET: 1 DNA Way
 18 (C) CITY: South San Francisco
 19 (D) STATE: California
 20 (E) COUNTRY: USA
 21 (F) ZIP: 94080

23 (v) COMPUTER READABLE FORM:

24 (A) MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
 25 (B) COMPUTER: IBM PC compatible
 26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
 27 (D) SOFTWARE: WinPatin (Genentech)

29 (vi) CURRENT APPLICATION DATA:

C--> 30 (A) APPLICATION NUMBER: US/10/813,646
 C--> 31 (B) FILING DATE: 29-Mar-2004

32 (C) CLASSIFICATION:

34 (vii) PRIOR APPLICATION DATA:

W--> 35 (A) APPLICATION NUMBER: US/09/056,461
 36 (B) FILING DATE: 07-Apr-1998

W--> 37 (A) APPLICATION NUMBER: 60/058212
 38 (B) FILING DATE: 16

40 (viii) ATTORNEY/AGENT INFORMATION:

41 (A) NAME: Love, Richard B.
 42 (B) REGISTRATION NUMBER: 34,659
 43 (C) REFERENCE/DOCKET NUMBER: P1039P1

45 (ix) TELECOMMUNICATION INFORMATION:

46 (A) TELEPHONE: 650/225-5530
 47 (B) TELEFAX: 650/952-9881

48 (2) INFORMATION FOR SEQ ID NO: 1:

50 (i) SEQUENCE CHARACTERISTICS:

51 (A) LENGTH: 7 amino acids
 52 (B) TYPE: Amino Acid
 53 (D) TOPOLOGY: Linear

55 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/813,646

DATE: 09/28/2005
TIME: 07:50:58

Input Set : N:\Crf3\RULE60\10813646.raw.txt
Output Set: N:\CRF4\09282005\J813646.raw

57 Arg Trp Asn Arg Ser Asp Glu
58 1 5 7
60 (2) INFORMATION FOR SEQ ID NO: 2:
62 (i) SEQUENCE CHARACTERISTICS:
63 (A) LENGTH: 7 amino acids
64 (B) TYPE: Amino Acid
65 (D) TOPOLOGY: Linear
67 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
69 Ala Trp Asn Ala Ser Ala Ala
70 1 5 7
72 (2) INFORMATION FOR SEQ ID NO: 3:
74 (i) SEQUENCE CHARACTERISTICS:
75 (A) LENGTH: 6 amino acids
76 (B) TYPE: Amino Acid
77 (D) TOPOLOGY: Linear
79 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
81 Glu Glu Ile Lys Leu Arg
82 1 5 6
84 (2) INFORMATION FOR SEQ ID NO: 4:
86 (i) SEQUENCE CHARACTERISTICS:
87 (A) LENGTH: 6 amino acids
88 (B) TYPE: Amino Acid
89 (D) TOPOLOGY: Linear
91 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
93 Ala Ala Ile Ala Leu Ala
94 1 5 6
96 (2) INFORMATION FOR SEQ ID NO: 5:
98 (i) SEQUENCE CHARACTERISTICS:
99 (A) LENGTH: 5 amino acids
100 (B) TYPE: Amino Acid
101 (D) TOPOLOGY: Linear
103 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
105 Arg Ala Glu Lys Glu
106 1 5
108 (2) INFORMATION FOR SEQ ID NO: 6:
110 (i) SEQUENCE CHARACTERISTICS:
111 (A) LENGTH: 5 amino acids
112 (B) TYPE: Amino Acid
113 (D) TOPOLOGY: Linear
115 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
117 Ala Ala Ala Ala Ala
118 1 5
120 (2) INFORMATION FOR SEQ ID NO: 7:
122 (i) SEQUENCE CHARACTERISTICS:
123 (A) LENGTH: 9 amino acids
124 (B) TYPE: Amino Acid
125 (D) TOPOLOGY: Linear
127 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
129 Glu Val His Leu Glu Ala Glu Asp Lys

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/813,646

DATE: 09/28/2005
TIME: 07:50:58

Input Set : N:\Crf3\RULE60\10813646.raw.txt
Output Set: N:\CRF4\09282005\J813646.raw

130 1 5 9
132 (2) INFORMATION FOR SEQ ID NO: 8:
134 (i) SEQUENCE CHARACTERISTICS:
135 (A) LENGTH: 9 amino acids
136 (B) TYPE: Amino Acid
137 (D) TOPOLOGY: Linear
139 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
141 Ala Val Ala Leu Ala Ala Ala Ala
142 1 5 9
144 (2) INFORMATION FOR SEQ ID NO: 9:
146 (i) SEQUENCE CHARACTERISTICS:
147 (A) LENGTH: 5 amino acids
148 (B) TYPE: Amino Acid
149 (D) TOPOLOGY: Linear
151 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
153 Glu Glu Arg Ile Glu
154 1 5
156 (2) INFORMATION FOR SEQ ID NO: 10:
158 (i) SEQUENCE CHARACTERISTICS:
159 (A) LENGTH: 5 amino acids
160 (B) TYPE: Amino Acid
161 (D) TOPOLOGY: Linear
163 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
165 Ala Ala Ala Ile Ala
166 1 5
168 (2) INFORMATION FOR SEQ ID NO: 11:
170 (i) SEQUENCE CHARACTERISTICS:
171 (A) LENGTH: 6 amino acids
172 (B) TYPE: Amino Acid
173 (D) TOPOLOGY: Linear
175 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
177 Arg His Lys Ile Tyr Lys
178 1 5 6
180 (2) INFORMATION FOR SEQ ID NO: 12:
182 (i) SEQUENCE CHARACTERISTICS:
183 (A) LENGTH: 6 amino acids
184 (B) TYPE: Amino Acid
185 (D) TOPOLOGY: Linear
187 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
189 Ala Ala Ala Ile Tyr Ala
190 1 5 6
192 (2) INFORMATION FOR SEQ ID NO: 13:
194 (i) SEQUENCE CHARACTERISTICS:
195 (A) LENGTH: 6 amino acids
196 (B) TYPE: Amino Acid
197 (D) TOPOLOGY: Linear
199 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
201 His Leu Tyr Lys Trp Lys
202 1 5 6

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/813,646

DATE: 09/28/2005

TIME: 07:50:58

Input Set : N:\Crf3\RULE60\10813646.raw.txt
Output Set: N:\CRF4\09282005\J813646.raw

204 (2) INFORMATION FOR SEQ ID NO: 14:
206 (i) SEQUENCE CHARACTERISTICS:
207 (A) LENGTH: 6 amino acids
208 (B) TYPE: Amino Acid
209 (D) TOPOLOGY: Linear
211 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
213 Ala Leu Tyr Ala Trp Ala
214 1 5 6
216 (2) INFORMATION FOR SEQ ID NO: 15:
218 (i) SEQUENCE CHARACTERISTICS:
219 (A) LENGTH: 8 amino acids
220 (B) TYPE: Amino Acid
221 (D) TOPOLOGY: Linear
223 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
225 Glu Glu Ile Lys Phe Asp Thr Glu
226 1 5 8
228 (2) INFORMATION FOR SEQ ID NO: 16:
230 (i) SEQUENCE CHARACTERISTICS:
231 (A) LENGTH: 8 amino acids
232 (B) TYPE: Amino Acid
233 (D) TOPOLOGY: Linear
235 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
237 Ala Ala Ile Ala Phe Ala Thr Ala
238 1 5 8
240 (2) INFORMATION FOR SEQ ID NO: 17:
242 (i) SEQUENCE CHARACTERISTICS:
243 (A) LENGTH: 8 amino acids
244 (B) TYPE: Amino Acid
245 (D) TOPOLOGY: Linear
247 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
249 Glu Arg Lys Ile Ile Glu Lys Lys
250 1 5 8
252 (2) INFORMATION FOR SEQ ID NO: 18:
254 (i) SEQUENCE CHARACTERISTICS:
255 (A) LENGTH: 8 amino acids
256 (B) TYPE: Amino Acid
257 (D) TOPOLOGY: Linear
259 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
261 Ala Ala Ala Ile Ile Ala Ala Ala
262 1 5 8
264 (2) INFORMATION FOR SEQ ID NO: 19:
266 (i) SEQUENCE CHARACTERISTICS:
267 (A) LENGTH: 6 amino acids
268 (B) TYPE: Amino Acid
269 (D) TOPOLOGY: Linear
271 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
273 Asp Glu Lys Leu Asn Lys
274 1 5 6
276 (2) INFORMATION FOR SEQ ID NO: 20:

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/813,646

DATE: 09/28/2005

TIME: 07:50:58

Input Set : N:\Crf3\RULE60\10813646.raw.txt
 Output Set: N:\CRF4\09282005\J813646.raw

278 (i) SEQUENCE CHARACTERISTICS:
 279 (A) LENGTH: 6 amino acids
 280 (B) TYPE: Amino Acid
 281 (D) TOPOLOGY: Linear
 283 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 20:
 285 Ala Ala Ala Leu Asn Ala
 286 1 5 6
 288 (2) INFORMATION FOR SEQ ID NO: 21:
 290 (i) SEQUENCE CHARACTERISTICS:
 291 (A) LENGTH: 6741 base pairs
 292 (B) TYPE: Nucleic Acid
 293 (C) STRANDEDNESS: Double
 294 (D) TOPOLOGY: Linear
 296 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 21:
 299 GAATTCCGTA ACTGGTGGGA TCTGCGGCGG CTCCCAGATG ATGGTCGTCC 50
 301 TCCTGGGCGC GACGACCCTA GTGCTCGTCG CCGTGGCGCC ATGGGTGTTG 100
 303 TCCGCAGCCG CAGGTGGAAA AAATCTAAAA TCTCCTCAAA AAGTAGAGGT 150
 305 CGACATCATA GATGACAAC TTATCCTGAG GTGGAACAGG AGCGATGAGT 200
 307 CTGTCGGGAA TGTGACTTT TCATTCGATT ATCAAAAAAC TGGGATGGAT 250
 309 AATTGGATAA AATTGTCCTGG GTGTCAGAAT ATTACTAGTA CCAAATGCAA 300
 311 CTTTTCTTCA CTCAAGCTGA ATGTTTATGA AGAAAATTAAA TTGCGTATAA 350
 313 GAGCAGAAAA AGAAAACACT TCTTCATGGT ATGAGGTTGA CTCATTACA 400
 315 CCATTTCGCA AAGCTCAGAT TGGTCCTCCA GAAGTACATT TAGAAGCTGA 450
 317 AGATAAGGCA ATAGTGATAC ACATCTCTCC TGGAACAAAA GATAGTGTAA 500
 319 TGTGGGCTTT GGATGGTTA AGCTTTACAT ATAGCTTACT TATCTGGAAA 550
 321 AACTCTTCAG GTGTAGAAGA AAGGATTGAA AATATTTATT CCAGACATAA 600
 323 AATTTATAAA CTCTCACCG AGACTACTTA TTGTCCTAAA GTTAAAGCAG 650
 325 CACTACTTAC GTCATGGAAA ATTGGTGTCT ATAGTCCAGT ACATTGTATA 700
 327 AAGACCACAG TTGAAAATGA ACTACCTCCA CCAGAAAATA TAGAAGTCAG 750
 329 TGTCCAAAT CAGAACTATG TTCTTAAATG GGATTATACA TATGCAAACA 800
 331 TGACCTTCA AGTTCACTGG CTCCACGCCCT TTTAAAAAAG GAATCCTGGA 850
 333 AACCATTTGT ATAAATGGAA ACAAAATACCT GACTGTGAAA ATGTAAAAC 900
 335 TACCCAGTGT GTCTTCCTC AAAACGTTT CCAAAAAGGA ATTTACCTTC 950
 337 TCCGCGTACA AGCATCTGAT GGAAATAACA CATTTTTTG GTCTGAAGAG 1000
 339 ATAAAGTTG ATACTGAAAT ACAAGCTTTC CTACTTCCTC CAGTCTTAA 1050
 341 CATTAGATCC CTTAGTGATT CATTCCATAT CTATATCGGT GCTCCAAAAC 1100
 343 AGTCTGGAAA CACGCCGTGT ATCCAGGATT ATCCACTGAT TTATGAAATT 1150
 345 ATTTTTGGG AAAACACTTC AAATGCTGAG AGAAAAAATTA TCGAGAAAAA 1200
 347 AACTGATGTT ACAGTTCTA ATTTGAAACC ACTGACTGTA TATTGTGTGA 1250
 349 AAGCCAGAGC ACACACCATG GATGAAAAGC TGAATAAAAG CAGTGTTTT 1300
 351 AGTGACGCTG TATGTGAGAA AACAAAACCA GGAAATGACA AAACTCACAC 1350
 353 ATGCCCACCG TGCCAGCAC CTGAACCTCT GGGGGGACCG TCAGTCTTCC 1400
 355 TCTTCCCCCCC AAAACCCAAG GACACCCCTCA TGATCTCCCG GACCCCTGAG 1450
 357 GTCACATGCG TGGTGGTGGA CGTGAGCCAC GAAGACCTG AGGTCAAGTT 1500
 359 CAACTGGTAC GTGGACGGCG TGGAGGTGCA TAATGCCAAG ACAAAAGCCGC 1550
 361 GGGAGGGAGCA GTACAAACAGC ACGTACCGAG TGGTCAGCGT CCTCACCCTC 1600
 363 CTGCACCAGG ACTGGCTGAA TGGCAAGGAG TACAAGTGCA AGGTCTCCAA 1650
 365 CAAAGCCCTC CCAGCCCCCA TCGAGAAAAC CATCTCCAAA GCCAAAGGGC 1700
 367 AGCCCCGAGA ACCACAGGTG TACACCCTGC CCCCATCCCG GGAAGAGATG 1750

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/813,646

DATE: 09/28/2005

TIME: 07:50:59

Input Set : N:\Crf3\RULE60\10813646.raw.txt
Output Set: N:\CRF4\09282005\J813646.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:37 M:238 W: Alpha Fields not Ordered, Reordered [(A) APPLICATION NUMBER:] of (1) (vii)